

PUBLIC NOTICE

PERMIT APPLICATION: NRS#05.344

APPLICANT: City of Johnson City
901 Riverview Road
Johnson City, TN 37605
(423) 434-6061

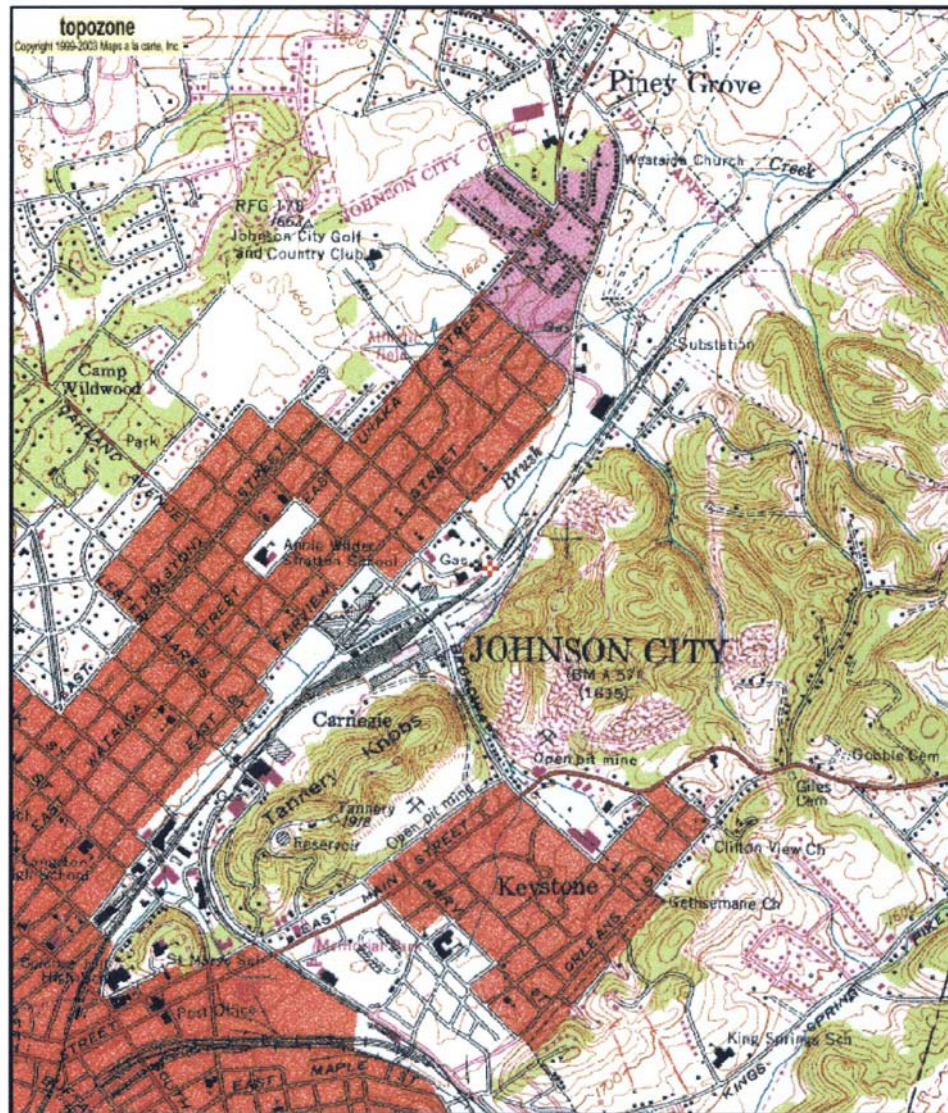
LOCATION: Unnamed tributary to Owl Creek
Williamson County
Lat/Long: approx. 36.3326°N/-82.3363°S

WATERSHED DESCRIPTION: The proposed project site runs along Brush Creek from Elm Street to Railroad Street in Johnson City, Washington County, TN. The area is residential and industrial. Brush creek averages about 21 feet wide and 3 feet deep in this area. The stream is very straight through most of the area with little to no riparian cover. The typical substrate is sediment and cobble. Brush Creek drains to the Watauga River then to Boone Lake. Brush Creek is on the TDEC 303d list as impaired due to nutrients (M), loss of biological integrity due to siltation (H), and other anthropogenic habitat alterations.

PROJECT DESCRIPTION: The applicant proposes 5 gravity sewer line crossings for the approximate 8,500 linear feet of gravity sewer line. The applicant proposes two crossings for the main 36-inch line, one near Vaughn Furniture and American Water Heater and one near I-26/Elm Street and Transit Mix; one for the 15-inch Line A6 at Millard Street; one for the 12-inch Line A8 at New Street; and one replacement of the 10-inch Line A5 near Hale Street. The crossings will be constructed using open trench excavation and temporary stream diversion. The Brush Creek Sanitary Sewer Interceptor is owned and maintained by the City of Johnson City and serves East Tennessee State University, Mountain Home Veterans Administration, Johnson City Medical Center, downtown Johnson City, several industries, and other commercial and residential areas. The existing route of the Brush Creek Sanitary Sewer Interceptor includes a section of sewer which extends through property owned by American Water Heater Company. Approximately 600 linear feet of this interceptor is located beneath the American Water Heater building. In addition, a 12-inch sanitary sewer collector ties into the Brush Creek Sanitary Sewer Interceptor at a manhole located beneath the American Water Heater building. The exact location of this sanitary sewer manhole is unknown. In the Spring of 1996, a portion of the Brush Creek Sanitary Sewer Interceptor collapsed just outside of the American Water Heater building necessitating extensive repair to the interceptor. During a recent expansion of the American Water Heater facilities, it was discovered that the existing sewer line, which was constructed of clay terra-cotta pipe in the 1930s or 1940s, was in poor condition with evidence of obvious inflow and infiltration. **In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.**

PERMIT COORDINATOR: Kelly Morrison

USGS TOPOGRAPHIC QUADRANGLE: Johnson City Quad (198-SE)



0 0.3 0.6 0.9 1.2 1.5 km
0 0.2 0.4 0.6 0.8 1 mi

Map center is UTM 17 380071E 4021667N (WGS84/NAD83)

Johnson City quadrangle

Projection is UTM Zone 17 NAD83 Datum

M=-6.235
G=-0.792

36.3326°N/82.3363°W
<http://www.topozone.com/print.asp?z=17&n=4021667.00008962&e=380070.999998831&s...> 9/9/2005

Plan View

